

### DETAILED ACTION

1. Claims 1-3, 6-16, 24, 25, 28 and 31 are subject to examination. Claims 4, 5, 17-23, 26, 27, 29 and 30 have been cancelled.

### *Response to Arguments*

2. Applicant's arguments with respect to claims 1, 24 and 28 have been considered along with the amendments presented and have been addressed on the ground of obviousness as explained below:

To provide the network client 12's browser of Tso with a context sensitive pop-up menu 74 of the hypercontrol wherein the pop-up menu 74 is displayed only when the user places the mouse cursor in the selectable URL grid of the browser view and depresses the right mouse button letting the user select a menu item or cancels the operation by, for instance, releasing the mouse button without selecting a menu item would have been obvious to one of ordinary skill in the art, in view of the teachings of Solimene, since all the claimed elements were known in the prior art and one skilled in the art could have combined the elements as claimed by known methods with no change in their respective functions, and the combination would have yielded nothing more than predictable results to one of ordinary skill in the art at the time of the invention. i.e., one skilled in the art would have recognized that If the user selects a item of the menu such as that of Tso, then the corresponding command is executed by the application, such as browser of the client 12 providing URL links for retrieving the remote data as user preferred.

***Claim Rejections - 35 USC § 103***

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

3. Claims 1-3, 6-16, 24, 25, 28 and 31 are rejected under 35 U.S.C. 103(a) as being unpatentable over Tso et al. (hereinafter Tso)(US 6, 421, 733) in view of Solimene et al. (hereinafter Solimene) (US 5, 828,376)

**Referring to claim 1,**

Tso teaches a method for retrieving documents in a computer network (Abstract, lines 1-4), the method comprising:

establishing a first data exchange mode (col. 11, line 2—32, "In the illustrated in FIG. 4, pop-up window 40 enables the user to change his or her preference as to whether transcoded or original content is desired, and communicates such changes to HTTP remote proxy 36.");

displaying a set of one or more selectable data exchange modes and issuing a request to retrieve data associated with the file reference in accordance with the selected data exchange mode. detecting one of a at least two user actions, first action comprising releasing the button of the cursor control device at the time when the cursor is positioned inside the selectable area associated with the file reference while being outside of the set, and if first action is detected, issuing a request to retrieve data

associated with the file reference in accordance with the first data exchange mode (col. 11, line 4-49).

Tso fails to explicitly teach "displaying a set of one or more selectable modes in the vicinity of a cursor upon detecting that a user has pressed a button of a cursor control device while the cursor is inside a selectable area; canceling the display of the set upon detecting that the user has released the button of the cursor control device.

Solimene teaches in Fig. 5, col. 8, line 53-col. 9, line 13, "Context Sensitive Pop-Up Menu, Referring now to FIG. 5, shown is a context sensitive pop-up menu 74 of the hypercontrol of the present invention. It is referred to as "context sensitive" because the pop-up menu 74 is displayed only when the user places the mouse cursor in the grid subview 24 and depresses the right mouse button. " "When the user places the mouse cursor in the grid subview 24 and presses the right mouse button, the context sensitive pop-up menu 74 is displayed until the user selects a menu item or cancels the operation by, for instance, releasing the mouse button without selecting a menu item. If the user selects a menu item, then the corresponding command is executed by the application. ("displaying a set of one or more selectable modes in the vicinity of a cursor upon detecting that a user has pressed a button of a cursor control device while the cursor is inside a selectable area" and canceling the display of the set upon detecting that the user has released the button of the cursor control device.)

To provide the network client 12's browser of Tso with a context sensitive pop-up menu 74 of the hypercontrol wherein the pop-up menu 74 is displayed only when the user places the mouse cursor in the selectable URL grid of the browser view and

depresses the right mouse button letting the user select a menu item or cancels the operation by, for instance, releasing the mouse button without selecting a menu item would have been obvious to one of ordinary skill in the art, in view of the teachings of Solimene, since all the claimed elements were known in the prior art and one skilled in the art could have combined the elements as claimed by known methods with no change in their respective functions, and the combination would have yielded nothing more than predictable results to one of ordinary skill in the art at the time of the invention, i.e., one skilled in the art would have recognized that If the user selects a item of the menu such as that of Tso, then the corresponding command is executed by the application, such as browser of the client 12 providing URL links for retrieving the remote data as user preferred.

**Referring to claim 2,**

Tso teaches the method of claim 1 further comprising:

before issuing the request modifying one or more configuration parameters of an Internet browser in accordance with the selected data exchange mode; and (Fig.4, element 40, col.4, lines 29-32)

restoring the one or more configuration parameters of the Internet browser upon processing the request (col.4, lines 29-32, Fig.4, element 40, "default (auto)).

**Referring to claim 3,**

Tso teaches the method of claim 1 wherein said issuing further comprises: modifying the request issued by an Internet browser in accordance with the data exchange mode selected by the user. (col. 6, lines 64-66).

**Referring to claim 6,**

Tso teaches the method of claim 1 wherein the user selection of the data exchange mode affects only the data associated with the file reference. (col. 6, lines 66 to col. 7, line 3).

**Referring to claim 7,**

Tso teaches the method of claim 1 wherein the selected data exchange mode affects any one of the amount of user-specific information sent with the request, the amount of data sent by the server in response to the request, and the format of data sent by the server in response to the request. (col. 7, lines 15-67 and col. 8, lines 1-9).

**Referring to claim 8,**

Tso teaches the method of claim 1 wherein said issuing further comprises communicating with a network server storing the data associated with the identified file reference. (Fig. 1, element 10, col. 3, lines 3-7)

**Referring to claims 9 and 10,**

Tso teaches method of claim 1 wherein said issuing further comprises communicating with a proxy, the proxy performing operations comprising:

modifying the request for data when required by the selected data exchange mode, communicating with a network server storing the data associated with the file reference; and modifying data received from the network server when required by the selected data exchange mode. (col.3, lines 17-30) and the method of claim 9 wherein the request for data communicated to the proxy contains an identifier of the selected

data exchange mode. (col.3, lines 17-30 and col. 7, lines 15-67 and col. 8, lines 1-9)

**Referring to claims 11 and 12,**

Tso teaches the method of claim 1 wherein said issuing further comprises:

    sending a request to retrieve data associated with the file reference to a first server, the request conforming to the selected data exchange mode; (col.3, lines 18-21)

    receiving a response from the first server, the response indicating a new location of the data associated with the file reference; and automatically issuing a second request to a second server using the new location, the second request conforming to the selected data exchange mode.(col. 3, lines 21-30, (distributed system of computers), col. 9, lines 29, 33) and the method of claim 1 wherein: data associated with the file reference is stored on a plurality of servers; and said issuing further comprises sending a request to each of the plurality of servers, the request conforming to the selected data exchange mode. (col. 12, lines 17-32).

**Referring to claim 13,**

Tso teaches the method of claim 1 wherein said issuing further comprises:

including an identifier of the selected data exchange mode; and sending the request with the identifier of the selected data exchange mode to a first proxy. (col. 7, lines 15-67 and col. 8, lines 1-9, Fig. 5, element 48, col. 13, lines 36-39).

**Referring to claim 14,**

Tso teaches the method of claim 13 further comprising: the first proxy selecting a second proxy as a recipient of the request based on the identifier of the selected data

exchange mode and a predefined set of operations performed by the second proxy. (col. 13, lines 39-54).

**Referring to claims 15 and 16,**

Tso teaches the method of claim 13 further comprising: the first proxy taking responsibility for performing a first portion of operations required by the selected data exchange mode; and the first proxy selecting a second proxy for performing a second portion of operations required by the selected data exchange mode and the method of claim 15 further comprising: the first proxy updating the identifier of the data exchange mode with an identifier value associated with the second portion of operations; and the first proxy sending the request with the updated identifier value to the second proxy. (Fig.5, elements 48 and 36, col. 14, lines 23-32, col. 7, lines 15-67 and col. 8, lines 1-9, Fig. 5, element 48, col. 13, lines 36-39).

**Referring to claim 24,**

Tso teaches a system for retrieving documents in a computer network (Abstract, lines 1-4), the system comprising:

a data exchange mode identifier to establish a first data exchange mode and then display a set of one or more selectable data exchange modes and a request modifier to modify a request to retrieve data associated with the file reference in accordance with the selected data exchange mode and to detect one of a at least two user actions, first action comprising without releasing the button of the cursor control device at the time when the cursor is positioned inside the selectable area associated with the file reference while being outside of the set, and a request modifier, to modify a

request to retrieve data associated with the file reference in accordance with the first data exchange mode if the first user action was detected (col. 11, line 4-49).

Tso fails to explicitly teach to display a set of one or more selectable modes in the vicinity of a cursor upon detecting that a user has pressed a button of a the cursor control device while the cursor is inside a selectable area, to cancel the display of the set upon detecting that the user has released the button of the cursor control device while keeping the cursor over the selected mode.

Solimene teaches in Fig. 5, col. 8, line 53-col. 9, line 13, "Context Sensitive Pop-Up Menu, Referring now to FIG. 5, shown is a context sensitive pop-up menu 74 of the hypercontrol of the present invention. It is referred to as "context sensitive" because the pop-up menu 74 is displayed only when the user places the mouse cursor in the grid subview 24 and depresses the right mouse button. " "When the user places the mouse cursor in the grid subview 24 and presses the right mouse button, the context sensitive pop-up menu 74 is displayed until the user selects a menu item or cancels the operation by, for instance, releasing the mouse button without selecting a menu item. If the user selects a menu item, then the corresponding command is executed by the application. (to display a set of one or more selectable modes in the vicinity of a cursor upon detecting that a user has pressed a button of a the cursor control device while the cursor is inside a selectable area, to cancel the display of the set upon detecting that the user has released the button of the cursor control device while keeping the cursor over the selected mode.)



To provide the network client 12's browser of Tso with a context sensitive pop-up menu 74 of the hypercontrol wherein the pop-up menu 74 is displayed only when the user places the mouse cursor in the selectable URL grid of the browser view and depresses the right mouse button letting the user select a menu item or cancels the operation by, for instance, releasing the mouse button without selecting a menu item would have been obvious to one of ordinary skill in the art, in view of the teachings of Solimene, since all the claimed elements were known in the prior art and one skilled in the art could have combined the elements as claimed by known methods with no change in their respective functions, and the combination would have yielded nothing more than predictable results to one of ordinary skill in the art at the time of the invention, i.e., one skilled in the art would have recognized that If the user selects a item of the menu such as that of Tso, then the corresponding command is executed by the application, such as browser of the client 12 providing URL links for retrieving the remote data as user preferred.

**Referring to claim 25,**

Tso teaches the system of claim 24 wherein determination of the data exchange mode remains valid only for the data associated with the file reference and is updated after receiving indication of the next document selection by the user (col.4, lines 29-32, Fig.4, element 40, "default (auto)).

**Referring to claim 28,**

Claim 28 is a claim to computer readable medium that provides instructions, which when executed on a processor, cause said processor to perform operations of

the method steps of claim 1. Therefore, claim 28 is rejected for the reasons set forth for the claim 1.

**Referring to claim 31,**

Tso teaches the method of claim 1 wherein the selectable area associated with the file reference is a hypertext link region. (col. 11, line 4-49).

***Conclusion***

**Examiner's note:** Examiner has cited particular columns and line numbers in the references as applied to the claims above for the convenience of the applicant. Although the specified citations are representative of the teachings of the art and are applied to the specific limitations within the individual claim, other passages and figures may apply as well. It is respectfully requested from the applicant in preparing responses, to fully consider the references in entirety as potentially teaching all or part of the claimed invention, as well as the context of the passage as taught by the prior art or disclosed by the Examiner.

Applicant's amendment necessitated the new ground(s) of rejection presented in this Office action. Accordingly, **THIS ACTION IS MADE FINAL**. See MPEP § 706.07(a). Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the

shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to ASHOK B. PATEL whose telephone number is (571)272-3972. The examiner can normally be reached on 6:30 am-4:30 pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Nathan A. Flynn can be reached on (571) 272-1915. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

/Ashok B. Patel/  
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